

U.S. Application Serial No.: 10/003,916  
Amendment After Final Dated October 8, 2004  
In Response to Office Action Dated August 11, 2004

### **Amendments to the Claims**

This listing will replace all prior versions and listings of claims in the application:

### **Listing of Claims**

Claim 1. (currently amended) A spherical particles of high density cobalt-manganese coprecipitated nickel hydroxide with a tapping density of 1.5 g/cc or greater.

Claim 2. (currently amended) The spherical particles of high density cobalt-manganese coprecipitated nickel hydroxide according to claim 1, represented by the formula:



wherein  $1/10 \leq x \leq 1/3$  and  $1/20 \leq y \leq 1/3$ .

Claims 3-4. (canceled)

-- Claim 5. (new) Spherical particles of high density cobalt-manganese coprecipitated nickel hydroxide with a tapping density of 1.5 g/cc or greater, represented by the formula:



wherein  $1/10 \leq x \leq 1/3$  and  $1/20 \leq y \leq 1/3$ ;

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prepared by a process comprising the steps of:

continuously supplying an aqueous solution of a nickel salt which contains a cobalt salt and a manganese salt of a complexing agent and an alkali metal hydroxide into a reactor either in an inert gas atmosphere or in the presence of a reducing agent; continuously growing crystals of said particles; and continuously removing crystals of said particles from said reactor.

Claim 6. (new) The spherical particles of claim 5, wherein said reducing agent is hydrazine. --